

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known	
	Application Number	Not Yet Assigned 10/157,669		
	Filing Date	January 14, 2004		
	First Named Inventor	Kurt Lang		
	Art Unit	Not Yet Assigned 1646		
	Examiner Name	Not Yet Assigned		
Sheet	1	of	2	Attorney Docket Number
				CIBT-P02-092

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ZH	AA**	US-5,364,839	11-15-1994	Gerhart et al.	
ZH	AB**	US-6,444,793	09-03-2002	Pepinsky	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
ZH	BA**	WO-97/35607	10-02-1997			
ZH	BB**	WO-95/16035	06-15-1995			
ZH	BC**	WO-93/00050	01-07-1993			
ZH	BD**	WO-98/02454	01-22-1998			
ZH	BE**	WO-96/16668	06-06-1996			
ZH	BF**	WO-98/30576	07-16-1998			

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
ZH	CA**	Asahina et al., "Human osteogenic protein-1 induces chondroblastic, osteoblastic, and/oradipocytic differentiation of clonal murine target cells," Exp. Cell. Res. 222:38-47 (1996)		
ZH	CB**	Bitgood et al., "Sertoli cell signaling by Desert hedgehog regulates the male germline," Curr. Biol. :298-304 (1996)		
ZH	CC**	Bumcrot et al., "Proteolytic processing yields two secreted forms of sonic hedgehog," Mol. Cell. Biol. 15(4):2294-2303 (1995)		
ZH	CD**	Cha et al., "Rhodopsin kinase: Expression in baculovirus-infected insect cells, and characterization of post-translational modifications," Proc. Natl. Acad. Sci USA 94:10577-10582 (1997)		
ZH	CE**	Chiang et al., "Cyclopia and defective axial patterning in mice lacking Sonic hedgehog gene function," Nature 383:407-413 (1996)		
ZH	CF**	Fietz et al., "The hedgehog gene family in Drosophila and vertebrate development," Development Supplement pages 43-51 (1994)		
ZH	CG**	Hammerschmidt, "The world according to Hedgehog," TIG 13(1):14-21 (1997)		
ZH	CH**	Hynes et al., "Induction of midbrain dopaminergic neurons by Sonic Hedgehog," Neuron, 15:35-44 (1995)		
ZH	CI**	Karaplis et al., "Lethal skeletal dysplasia from targeted disruption of the parathyroid hormone-related peptide gene," Genes Dev. 8:227-289 (1994)		
ZH	CJ**	Kinto et al., "Fibroblasts expressing Sonic Hedgehog induce osteoblast differentiation and ectopic bone formation," FEBS Letters 404:319-323 (1997)		
ZH	CK**	Lai et al., "Patterning of the neural ectoderm of Xenopus laevis by the amino-terminal product		

Examiner Signature	Date Considered	
Zach Howard	10/14/05	

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3H	CL**	of hedgehog autoproteolytic cleavage," Development 121:2349 (1995)	
3H		Miao et al., Sonic Hedgehog promotes the survival of specific CNS neuron populations and protects these cells from toxic insult in vitro," The Journal of Neuroscience 17(15):5891-5899 (1997)	
3H	CM**	Nakamura et al., "Induction of osteogenic differentiation by Hedgehog proteins," Biochemical and Biophysical Research Communications 237:465-469 (1997)	
3H	CN**	Pepinsky et al., "Identification of a palmitic acid-modified form of human Sonic Hedgehog," The Journal of Biological Chemistry 273:14037-14045 (1998)	
3H	CO**	Perrimon, "Hedgehog and beyond," Cell 80:517-520 (1995)	
3H	CP**	Porter et al., Cholesterol modification of Hedgehog signaling proteins in animal development," Science 274:255-259 (1996)	
3H	CQ**	Seytter et al., "Hydrophobic modifications at the amino-terminal cysteine of recombinant Sonic Hedgehog signaling domain dramatically increase activity," Bone 23:S563, Abstract (1998)	
3H	CR**	Smith, "Hedgehog the floor plate, and the zone of polarizing activity," Cell 76:193-196 (1994)	
3H	CS**	Vortkamp et al., "Regulation of rate of cartilage differentiation by Indian hedgehog and PTH-related protein," Science 273:613-622 (1996)	
3H	CT**	Wozney et al., "Bone morphogenetic proteins and their gene expression," Cellular and Molecular Biology of Bone, New York Academic Press, pp. 131-167 (1993)	

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